JACOBSSON et al. Serial No. 10/751,104

Atty Dkt: 4127-11 Art Unit: 2817

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1. (Currently Amended) An oscillator circuit comprising:
- a first differential oscillator and a second differential oscillator, the first differential oscillator comprising at least one fundamental frequency AC-ground point, the second differential oscillator comprising at least one fundamental frequency AC-ground point, the first differential oscillator and the second differential oscillator having substantially the same fundamental frequencies, eharacterized in that the oscillator circuit comprises

a first AC coupling between one of the at least one fundamental frequency AC-ground points of the first differential oscillator and one of the at least one fundamental frequency AC-ground points of the second differential oscillator, thus locking the first differential oscillator to the second differential oscillator.

- 2. (Currently Amended) The oscillator circuit according to claim 1, characterized in-that wherein the oscillator circuit comprises a first quadruple frequency output, the first quadruple frequency output being coupled to the first AC coupling.
- 3. (Currently Amended) The oscillator circuit according to claim 1, eharacterized in that wherein the first differential oscillator and the second differential oscillator are substantially identical.
- 4. (Currently Amended) The oscillator circuit according to claim 3, characterized in that wherein the first AC coupling is between a first fundamental frequency AC-ground point of the first differential oscillator and a first fundamental frequency AC-ground point

JACOBSSON et al. Serial No. 10/751,104

Atty Dkt: 4127-11 Art Unit: 2817

of the second differential oscillator, the first fundamental frequency AC-ground points being identical fundamental frequency AC-ground points.

- 5. (Currently Amended) The oscillator circuit according to claim 4, characterized in that wherein the oscillator circuit comprises four fundamental frequency outputs, the four outputs being in quadrature.
- 6. (Currently Amended) The oscillator circuit according to claim 4, characterized in that wherein the oscillator circuit comprises a second AC coupling between a second fundamental frequency AC-ground point of the first differential oscillator and a second fundamental frequency AC-ground point of the second differential oscillator, the second fundamental frequency AC-ground points being identical fundamental frequency AC-ground points.
- 7. (Currently Amended) The oscillator circuit according to claim 6, eharacterized in that wherein the oscillator circuit comprises a second quadruple frequency output, the second quadruple frequency output being coupled to the second AC coupling, the first and second quadruple frequency outputs being differential.
- 8. (Currently Amended) The oscillator circuit according to claim 4, characterized in that wherein the oscillator circuit comprises a third differential oscillator having at least a first fundamental frequency AC-ground point.
- 9. (Currently Amended) The oscillator circuit according to claim 8, characterized in that wherein the first AC coupling is further AC coupled to the first fundamental frequency AC-ground point of the third differential oscillator.

Dec 1 2004 13:08 P.09

JACOBSSON et al. Serial No. 10/751,104

Atty Dkt: 4127-11 Art Unit: 2817

- 10. (Currently Amended) The oscillator circuit according to claim 8, characterized in-that wherein the oscillator circuit comprises a second AC coupling between a second fundamental frequency AC-ground point of the first differential oscillator and a second fundamental frequency AC-ground point of the third differential oscillator, the second fundamental frequency AC-ground points being identical fundamental frequency AC-ground points.
- 11. (Currently Amended) The oscillator circuit according to claim 8, characterized in that wherein the third differential oscillator has substantially a same fundamental frequency as the first and second differential oscillators.
- 12. (Currently Amended) The oscillator circuit according to claim 8, eharacterized in that wherein the third differential oscillator has a fundamental frequency which is substantially twice the frequency as the fundamental frequencies of the first and second differential oscillators.
- 13. (Currently Amended) The oscillator circuit according to claim 8, characterized in that wherein the oscillator circuit comprises a fourth differential oscillator having at least a first fundamental frequency AC-ground point.
- 14. (Currently Amended) The oscillator circuit according to claim 13, characterized in that wherein the first AC coupling is further AC coupled to the first fundamental frequency AC-ground point of the fourth differential oscillator.
- 15. (Currently Amended) The oscillator circuit according to claim 13, eharacterized in that wherein the oscillator circuit further comprises a third AC coupling between a fundamental frequency AC-ground point of the second differential oscillator being separate from the first fundamental frequency AC-ground point and a

JACOBSSON et al. Serial No. 10/751,104

Atty Dkt: 4127-11 Art Unit: 2817

corresponding fundamental frequency AC-ground point of the fourth differential oscillator.

- 16. (Currently Amended) The oscillator circuit according to claim 13, characterized in that wherein the fourth differential oscillator having has a fundamental frequency which is substantially the frequency of the fundamental frequency of the first and second differential oscillator.
- 17. (Currently Amended) The oscillator circuit according to claim 13, sharacterized in that wherein the fourth differential oscillator having has a fundamental frequency which is substantially twice the frequency of the fundamental frequency of the first and the second differential oscillator.
- 18. (Currently Amended) The oscillator circuit according to claim 13, characterized in that wherein the fourth differential oscillator having has a fundamental frequency which is substantially twice the frequency of the fundamental frequency of the third differential oscillator.
- 19. (Currently Amended) The oscillator circuit according to claim 1, eharacterized in that wherein one AC coupling between two fundamental frequency AC-ground points[[,]] is further coupled to a voltage source via an AC-impedance element.
- 20. (Currently Amended) The oscillator circuit according to claim 1, ebaracterized in that wherein one AC coupling between two fundamental frequency AC-ground points, is further coupled to ground via an AC-impedance element.

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Dec 1 2004 13:10 P.11

JACOBSSON et al. Serial No. 10/751,104

Atty Dkt: 4127-11 Art Unit: 2817

21. (Currently Amended) The oscillator circuit according to claim 1, characterized in that wherein one AC coupling between two fundamental frequency AC-ground points is a direct coupling.

- 22. (Currently Amended) The oscillator circuit according to claim 1, characterized in that wherein one AC coupling between two fundamental frequency AC-ground points is a resistive coupling.
- 23. (Currently Amended) The oscillator circuit according to claim 1, characterized in that wherein one AC coupling between two fundamental frequency AC-ground points is a capacitive coupling.
- 24. (Currently Amended) An oscillator circuit comprising at least two differential oscillators, the differential oscillators comprising at least one fundamental frequency AC-ground point each, characterized in that wherein the oscillator circuit comprises at least one AC coupling between one of the at least one fundamental frequency AC-ground points of one of the differential oscillators and one of the at least one fundamental frequency AC-ground points of another one of the differential oscillators.
- 25. (Currently Amended) A communication unit, characterized in that the communication unit comprises comprising an oscillator circuit according to claim 1.
- 26. (Currently Amended) A method of frequency locking a first differential oscillator to a second differential oscillator, characterized in that the method comprises comprising AC coupling a fundamental frequency AC-ground of the first differential oscillator with a fundamental frequency AC-ground of the second differential oscillator.